

(FILE 'HOME' ENTERED AT 16:39:26 ON 09 FEB 2003)

FILE 'USPATFULL, PCTFULL, WPIDS' ENTERED AT 16:39:47 ON 09 FEB 2003

L1 0 FILE USPATFULL  
L2 0 FILE PCTFULL  
L3 0 FILE WPIDS  
TOTAL FOR ALL FILES  
L4 0 S BIS(W) (ETHYL(W) CARBONYL)  
L5 2 FILE USPATFULL  
L6 0 FILE PCTFULL  
L7 1 FILE WPIDS  
TOTAL FOR ALL FILES  
L8 3 S BIS(W) (ETHYLCARBONYL)  
L9 1126 FILE USPATFULL  
L10 503 FILE PCTFULL  
L11 41 FILE WPIDS  
TOTAL FOR ALL FILES  
L12 1670 S (ETHYLCARBONYL)  
L13 445 FILE USPATFULL  
L14 168 FILE PCTFULL  
L15 6 FILE WPIDS  
TOTAL FOR ALL FILES  
L16 619 S L12 AND (CHOLESTEROL OR STEROL OR CHOLESTERYL OR STERYL OR CO  
L17 14 FILE USPATFULL  
L18 13 FILE PCTFULL  
L19 0 FILE WPIDS  
TOTAL FOR ALL FILES  
L20 27 S L16 AND PHOSPHORAMIDITE  
L21 14 FILE USPATFULL  
L22 12 FILE PCTFULL  
L23 0 FILE WPIDS  
TOTAL FOR ALL FILES  
L24 26 S L20 AND (ANTISENSE OR OLIGONUCLEOTIDE OR NUCLEIC)  
L25 14 FILE USPATFULL  
L26 12 FILE PCTFULL  
L27 0 FILE WPIDS  
TOTAL FOR ALL FILES  
L28 26 S L24 AND (SYNTHESIS OR PROCESS)  
L29 22163 FILE USPATFULL  
L30 5927 FILE PCTFULL  
L31 1973 FILE WPIDS  
TOTAL FOR ALL FILES  
L32 30063 S ETHOXYSYCARBONYL  
L33 5 FILE USPATFULL  
L34 4 FILE PCTFULL  
L35 0 FILE WPIDS  
TOTAL FOR ALL FILES  
L36 9 S L32 AND L28

FILE 'REGISTRY' ENTERED AT 16:58:43 ON 09 FEB 2003

L37 STRUCTURE uploaded  
L38 47 S L37 SSS FULL

FILE 'CAPLUS' ENTERED AT 16:59:18 ON 09 FEB 2003

L39 5 S L38 AND PHOSPHORAMIDITE AND (OLIGONUCLEOTIDE OR OLIGOMER OR N

FILE 'STNGUIDE' ENTERED AT 17:00:26 ON 09 FEB 2003

FILE 'CAPLUS' ENTERED AT 17:11:20 ON 09 FEB 2003

FILE 'STNGUIDE' ENTERED AT 17:11:20 ON 09 FEB 2003

FILE 'CAPLUS' ENTERED AT 17:12:23 ON 09 FEB 2003  
SELECT RN 3 L39

L40 FILE 'REGISTRY' ENTERED AT 17:12:50 ON 09 FEB 2003  
7 S E1-E7/RN

L41 FILE 'CAPLUS' ENTERED AT 17:14:18 ON 09 FEB 2003  
121154 S 6-7

L42 FILE 'CAPLUS' ENTERED AT 17:14:51 ON 09 FEB 2003  
99 S E6-7/RN  
L43 6 S L42 AND (ANTISENSE OR OLIGONUCLEOTIDE OR OLIGOMER OR NUCLEIC)

=>

How much will my mortgage payments be?

Page 1 of 1

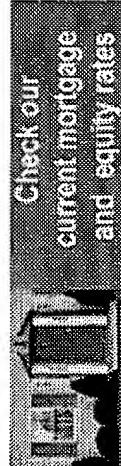


How much will my mortgage payments be?

INPUTS    RESULTS    GRAPHS    TABLES    HELP

Loan amount	\$ 178 000
Appraised value	\$ 220,000
Term (years)	27
Interest rate	6%
Yearly property tax	\$ 3,300
Yearly property insurance	\$ 500

Next ►



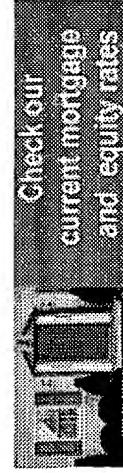


How much will my mortgage payments be?

[INPUTS](#) [RESULTS](#) [GRAPHS](#) [TABLES](#) [HELP](#)

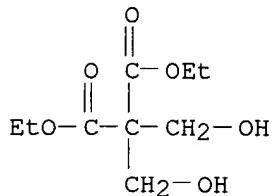
Principal and interest      \$1,111  
? Taxes and insurance      \$317  
? Mortgage insurance      \$47  
Total payment      \$1,475

[Next](#) ▶

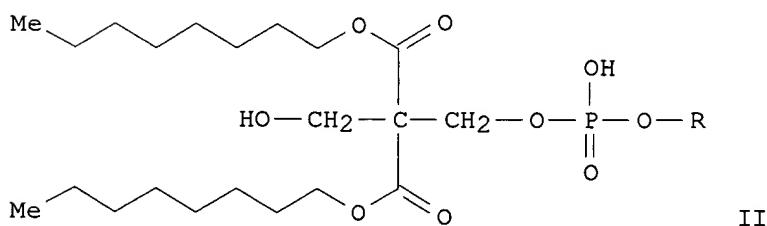
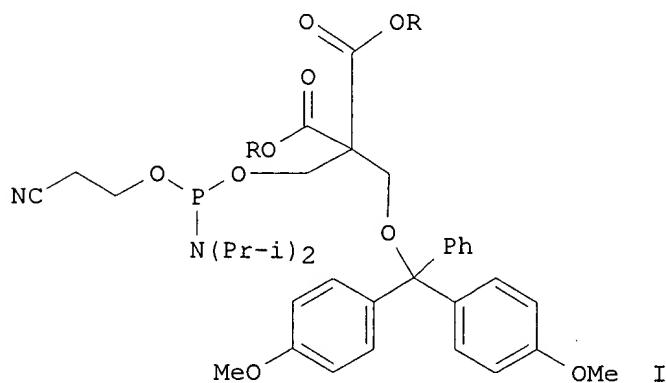


AB A new family of nonnucleoside phosphoramidite reagents derived from either esters or amides of 2,2-bis(hydroxymethyl)malonic acid was described. The utility of these building blocks was demonstrated by prepn. of 5'-phosphorylated **oligonucleotides** as well as hydrophobic, polyamino and fluorescent labeled **oligonucleotide** analogs. Thus, I (R = alkyl, octyl) was coupled to an **oligonucleotide** and detritylated to give, for example II (R = **oligonucleotide** moiety).

L43 ANSWER 5 OF 6 CAPLUS COPYRIGHT 2003 ACS  
IT 20605-01-0, Diethyl bis(hydroxymethyl)malonate  
RL: RCT (Reactant); RACT (Reactant or reagent)  
(prepn. of **oligonucleotide** analogs using  
bis(hydroxymethyl)malonate-derived phosphoramidite reagents)  
RN 20605-01-0 CAPLUS  
CN Propanedioic acid, bis(hydroxymethyl)-, diethyl ester (9CI) (CA INDEX  
NAME)



ACCESSION NUMBER: 1996:600955 CAPLUS  
DOCUMENT NUMBER: 125:329248  
TITLE: Synthesis of **oligonucleotide** analogs by  
using phosphoramidite reagents derived from  
2,2-bis(hydroxymethyl)malonates  
AUTHOR(S): Guzaev, Andrei; Salo, Harri; Azhayev, Alex; Lonnberg,  
Harri  
CORPORATE SOURCE: Department Chemistry, University Turku, Turku,  
FIN-20014, Finland  
SOURCE: Collection of Czechoslovak Chemical Communications  
(1996), 61(Spec. Issue), S226-S229  
CODEN: CCCCAK; ISSN: 0010-0765  
PUBLISHER: Institute of Organic Chemistry and Biochemistry,  
Academy of Sciences of the Czech Republic  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
GI



L43 ANSWER 4 OF 6 CAPLUS COPYRIGHT 2003 ACS

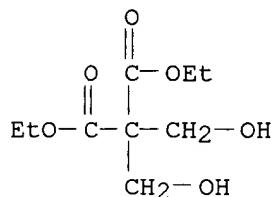
IT 20605-01-0

RL: RCT (Reactant); RACT (Reactant or reagent)

(solid support for prepn. of phosphorylated chimeric  
oligodeoxyribonucleotides contg. internucleosidic phosphotriester and  
phosphonate linkages)

RN 20605-01-0 CAPLUS

CN Propanedioic acid, bis(hydroxymethyl)-, diethyl ester (9CI) (CA INDEX  
NAME)



ACCESSION NUMBER: 1997:388353 CAPLUS  
DOCUMENT NUMBER: 127:81732  
TITLE: A novel solid support for preparation of  
3'-phosphorylated chimeric oligodeoxyribonucleotides  
containing internucleosidic methyl phosphotriester and  
methyl phosphonate linkages  
AUTHOR(S): Guzaev, Andrei; Lonnberg, Harri  
CORPORATE SOURCE: Department of Chemistry, University of Turku, Turku,  
FIN-20014, Finland  
SOURCE: Tetrahedron Letters (1997), 38(22), 3989-3992  
CODEN: TELEAY; ISSN: 0040-4039  
PUBLISHER: Elsevier  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
AB A novel solid phase synthesis of 3'-phosphorylated  
oligonucleotides is described. The chain assembly is carried out  
by phosphoramidite strategy on solid support, which allows a mild and fast  
release of the oligodeoxyribonucleotide in soln. The applicability of the  
method is demonstrated by prepn. of 3'-phosphorylated chimeric  
oligonucleotides contg. Me phosphotriester and Me phosphonate  
internucleosidic linkages.